

FILE 'INPADOC, WPIX, JAPIO, HCAPL.US, JICST-EPLUS, CEABA-VTB, INSPEC, COMPENDEX' ENTERED AT 16:14:33 ON 12 SEP 2002

L1 640 S TIHANYI JEN?/AU,IN
 L2 405 S (TIHANYI J? OR TIHANYI, J?)/AU,IN AND SEMICONDUCT###
 L3 3 S L1 AND COMPENSAT#####
 L4 32 S L1 AND CHANNEL
 L5 14 S L1 AND TERMINA#####
 L6 40 S L1 AND CONDUCT#####
 L7 142 S L2 AND CONDUCT#####
 L8 48 S L2 AND TERMINA#####
 L9 68 S L2 AND CHANNEL
 L10 8 S L2 AND COMPENSAT#####
 L11 9 S (L4 OR L5 OR L6) AND INTEGRAT#####
 L12 39 S (L7 OR L8 OR L9) AND INTEGRAT#####
 L13 47 S (L1 OR L2) AND TRENCH###
 L14 69 S (L9 OR L4 OR L13) AND (L5 OR L6 OR L7 OR L8)
 L15 56417 S SPACE CHARGE
 L16 3469 S FREE CHARGE
 L17 52035 S CHARGE CARRIER
 L18 1 S L14 AND L15
 L19 10 S L14 AND (L16 OR L17)
 L20 27 S L3 OR (L10 OR L11) OR (L18 OR L19)
 L21 22 DUP REM L20 (5 DUPLICATES REMOVED)
 L22 3 S (DE2000-10052170/PRN OR DE2000-10052170/AP)
 L23 11 S (EP1026754 OR DE19828191 OR DE3002797 OR DE3609629 OR DE3732210)/PN

FILE 'DPCI' ENTERED AT 16:32:05 ON 12 SEP 2002

L24 4 S (EP1026754 OR DE19828191 OR DE3002797 OR DE3609629 OR DE3732210)/PN
 SEL PN.D
 SEL PN.G
 L25 141 S (DE4107909/PN.D OR DE4309764/PN.D OR EP368768/PN.D OR EP709898/PN.D OR . . .)
 L26 4 S L25 AND (DUMMY OR TERMIN#####)
 L27 1 S L26 AND (H01L029-06 OR H01L029-78)/IC
 L28 4 S (L26 OR L27)
 L29 56 S L25 AND (H01L029-06 OR H01L029-78)/IC
 L30 4 S L25 AND (DUMMY OR TERMIN#####)
 SEL PN.D
 SEL PN.G
 L31 325 S (EP512605/PN.D OR EP545488/PN.D OR JP-260601/PN.D OR JP5206449/PN.D OR . . .)
 SEL L26 PRN
 SEL L29 PRN
 L32 37 S L31 AND DOP#####
 L33 5 S L31 AND COMPENSAT#####
 L34 10 S L31 AND CHARGE
 L35 13 S L31 AND (SIDE OR WALL OR SIDEWALL)
 L36 48 S L31 AND INTEGRAT#####
 L37 12 S L31 AND CARRIER
 L38 10 S L31 AND CHARGE
 L39 1 S L31 AND SPACE
 L40 87 S L31 AND (ZONE OR REGION)
 L41 137 S L31 AND (H01L029-06 OR H01L029-78)/IC
 L42 14 S L31 AND (DUMMY OR TERMIN#####)
 L43 39 S L31 AND (CHANNEL OR GROOV#### OR TRENCH###)
 L44 6 S L25 AND COMPENSAT#####
 L45 20 S L25 AND (CHANNEL OR GROOV#### OR TRENCH###)
 L46 238 S (L32 OR L33 OR L34 OR L35 OR L36 OR L37 OR L38 OR L39 OR L40 OR L41 OR L42 OR L43 OR L44 OR L45)
 L47 194 S (L32 OR L33 OR L34 OR L35 OR L36 OR L37 OR L38 OR L39 OR L40) OR (L42 OR L43 OR L44 OR L45)

FILE 'WPIX, JAPIO, HCAPL.US' ENTERED AT 16:41:40 ON 12 SEP 2002

L48 10 S (DE1999-19928762/PRN OR GB1981-7797/PRN OR GB1982-5996/PRN OR IT1992-MI338/PRN OR . . .)

FILE 'DPCI' ENTERED AT 16:43:00 ON 12 SEP 2002

SEL L46 PRN

FILE 'WPIX, JAPIO, HCAPLUS' ENTERED AT 16:43:50 ON 12 SEP 2002

L50 391 S (US1992-925336/PRN OR US1993-131114/PRN OR US1996-744182/PRN OR EP1995-830055/PRN OR . . .)
 L51 203 S (US1984-582601/PRN OR US1984-644453/PRN OR US1984-664027/PRN OR US1984-667933/PRN OR . . .)
 L52 643 S L49 OR (L50 OR L51)
 L53 19 S L52 AND COMPENSAT#####
 L54 179 S L52 AND DOP#####
 L55 58 S L52 AND CHARGE
 L56 148 S L52 AND (SIDE OR WALL OR SIDEWALL)
 L57 260 S L52 AND (CHANNEL OR GROOV#### OR TRENCH###)
 L58 89 S L52 AND EPITAX#####
 L59 401 S L52 AND (ZONE OR REGION)
 L60 119 S L52 AND INTEGRAT#####
 L61 66 S L52 AND CARRIER
 L62 28 S L52 AND SPACE
 L63 8 S L52 AND FREE
 L64 69 S L52 AND (DUMMY OR TERMIN#####)
 L65 100 S L56 AND L57
 L66 10 S L64 AND L65
 L67 38 S L54 AND L65
 L68 9 S L55 AND L65
 L69 30 S L58 AND L65
 L70 80 S L59 AND L65
 L71 9 S L60 AND L65
 L72 13 S L61 AND L65
 L73 3 S L62 AND L65
 L74 17 S L67 AND L69
 L75 37 S L67 AND L70
 L76 17 S L74 AND L75
 L77 17 S L67 AND L70 AND L58
 L78 65 S L53 OR L63 OR L66 OR L68 OR (L71 OR L72 OR L73 OR L74) OR (L76 OR L77)
 L79 64 S L78 NOT L48
 L80 987 S FREE CHARGE CARRIER
 L81 2472 S SPACE CHARGE(W)(REGION OR ZONE)
 L82 3952 S (COND OR CONDUCT#####)(W)(GROOV### OR CHANNEL OR TRENCH###)
 L83 144 S DOPED(W)(SIDE OR WALL OR SIDEWALL OR LATERAL)
 L84 85169 S GATE ELECTRODE
 L85 23677 S BREAKDOWN VOLTAGE
 L86 3121 S REVERSE VOLTAGE
 L87 281 S REVERSE POTENTIAL
 L88 1139 S BREAKDOWN POTENTIAL
 L89 42 S BREAK DOWN POTENTIAL
 L90 775 S BREAK DOWN VOLTAGE
 L91 66 S L82 AND COMPENSAT#####
 L92 66 S L91 AND (L81 OR L82)
 L93 0 S L91 AND (L80 OR L81)
 L94 2 S L91 AND (L83 OR L84 OR L85 OR L86 OR L87 OR L88 OR L89 OR L90)
 L95 1 S L82 AND L83
 L96 1 S (L82 OR L83) AND ((L80 OR L81) AND (L84 OR L85 OR L86 OR L87 OR L88 OR L89 OR L90 OR L91))
 L97 5 S L83 AND COMPENSAT#####
 L98 24 S L92 AND (DOPED OR DOPING OR DOPANT OR SIDE OR WALL OR SIDEWALL OR LATERAL)
 L99 74 S L78 OR L48
 L100 32 S (L94 OR L95 OR L96 OR L97 OR L98)
 L101 32 S L100 NOT L99
 L102 8 S L92 AND IMPUR#####
 L103 0 S L102 NOT (L100 OR L99)